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connections"; "18. Curvature"
"19. Linear structures on jet bundles""20. Shifts and
symmetrization"; "21. Remarks on differential operators and
symbols"; "22. The exterior derivative"; "V. Lie Theory"; "23. The
three canonical connections of a Lie group"; "24. The structure of
higher order tangent groups"; "25. Exponential map and Campbell-
Hausdorff formula"; "26. The canonical connection of a symmetric
space"; "27. The higher order tangent structure of symmetric
spaces"; "VI. Diffeomorphism Groups and the exponential jet"; "28.
Group structure on the space of sections of $T^{(k)}M$ "
"29. The exponential jet for vector fields""30. The exponential jet of a
symmetric space"; "31. Remarks on the exponential jet of a general
connection"; "32. From germs to jets and from jets to germs";
"Appendix L. Limitations"; "Appendix G. Generalizations";
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